

Question Bank 2016-17, 17-18

Random Signal Analysis

- 1) example 1 - (1-10)
- 2) Theorem 1 - (1-22)
- 3) example 2 - (1-26) Do sums
- 4) example 11 - (1-31) with proper
- 5) example 2 - (1-39) events
- 6) Total probability and Bayes's theorem
(1-42), (1-43)
- 7) example 6 - (1-46)
- 8) example 9 - (1-48)
- 9) example 11 - (1-49)

- 1) example 5 - (4-3)
- 2) example 2 - (4-6)
- 3) example 3 - (4-7)
- 4) property 3 - (4-12)
- 5) example 1 - (4-17)
- 6) example 6 - (4-19)
- 7) example 1 - (4-21)
- 8) example 2 - (4-25)
- 9) example 7 - (4-27)

12) example

- 1) mean and variance (geometric distribution) - (5-7)
- 2) mean & variance (binomial) - (5-10)
- 3) example 11 - (5-14)
- 4) example 15 - (5-15)
- 5) moment generating fn. (Poisson) - (5-20)
- 6) example 4 - (5-21)
- 7) example 5 - (5-22)
- 8) example 15 - (5-25)
- 9) example 16 - (5-26)

- 1) properties of a distribution fn. - (2-7)
- 2) example 2 - (2-9)
- 3) example 2 - (2-13)
- 4) moment generating function (uniform) - (6-2)
- 5) example 3 - (6-4)
- 6) mean & variance (exponential) - (6-5)
- 7) example 4 - (6-8)
- 8) example 7 - (6-22)
- 9) example 10 - (6-24)
- 10) example 15 - (6-26)